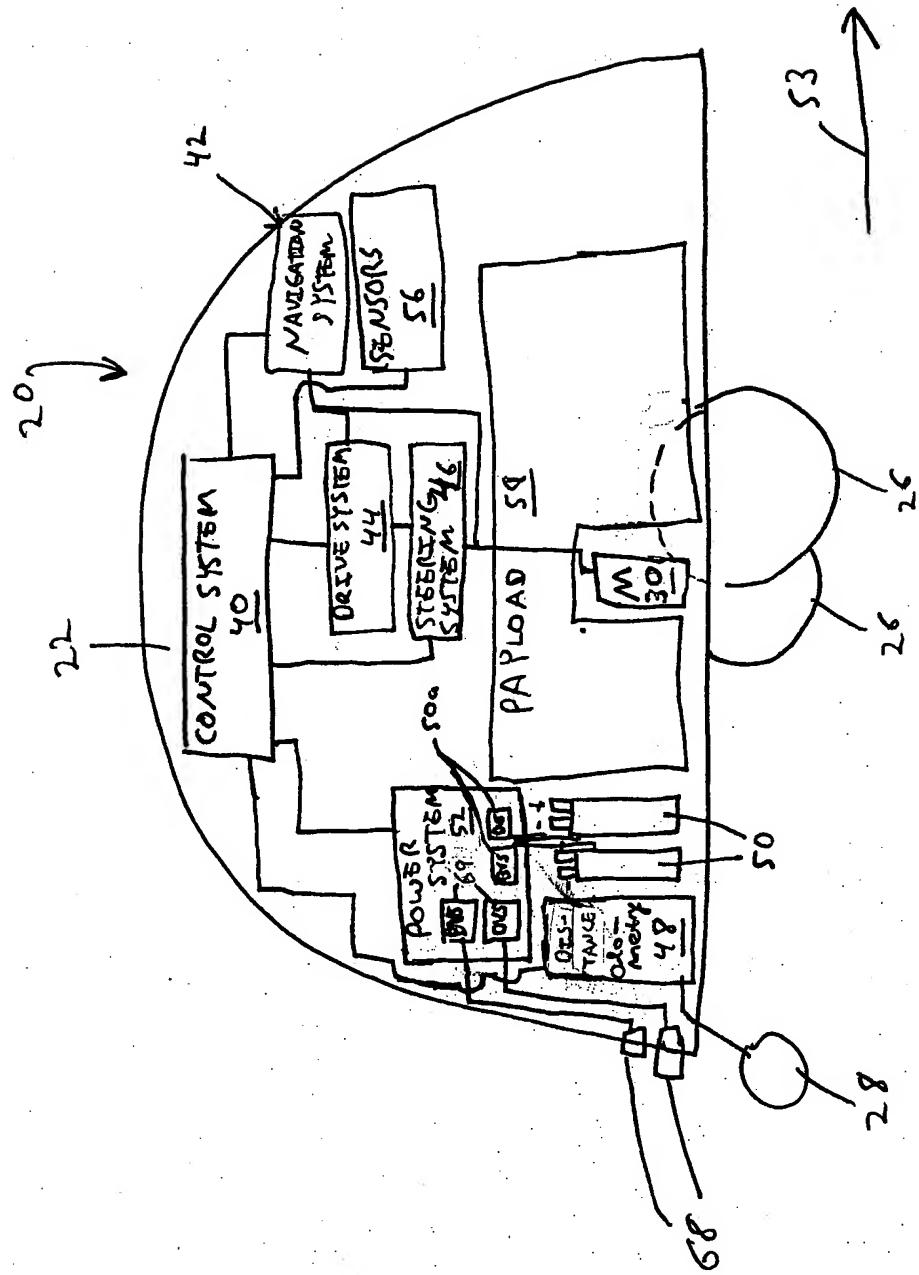


Fig. 1



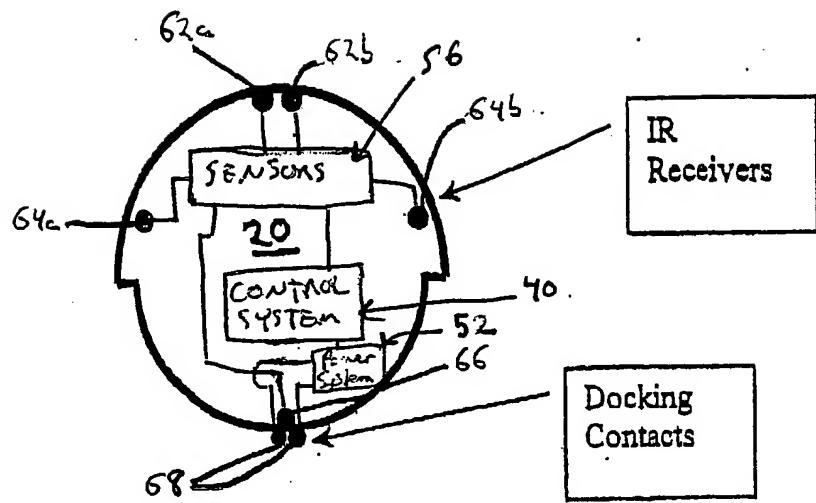


Fig. 2

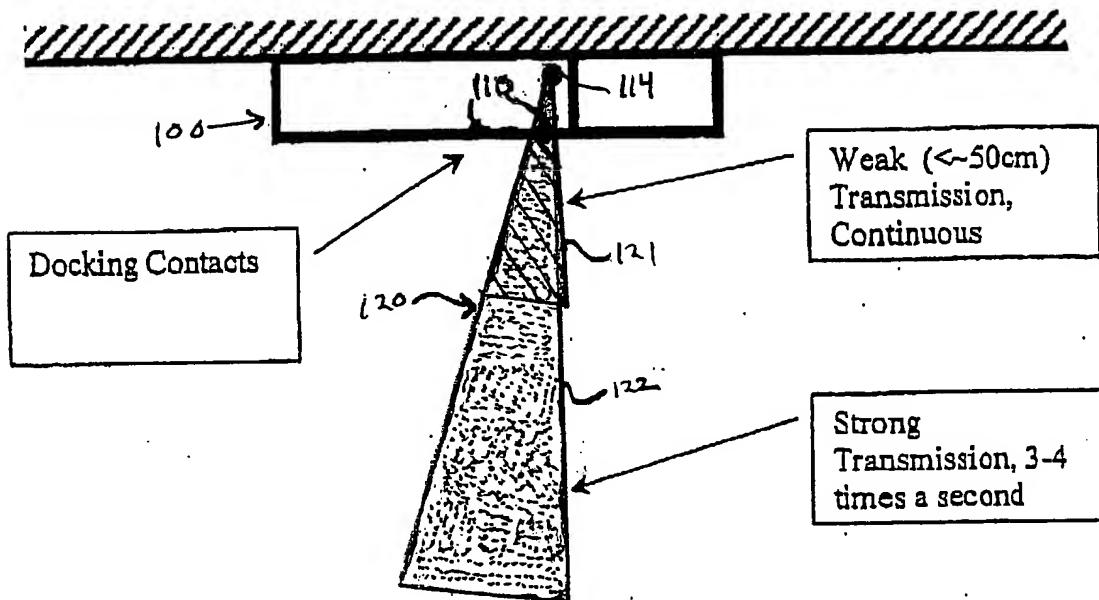
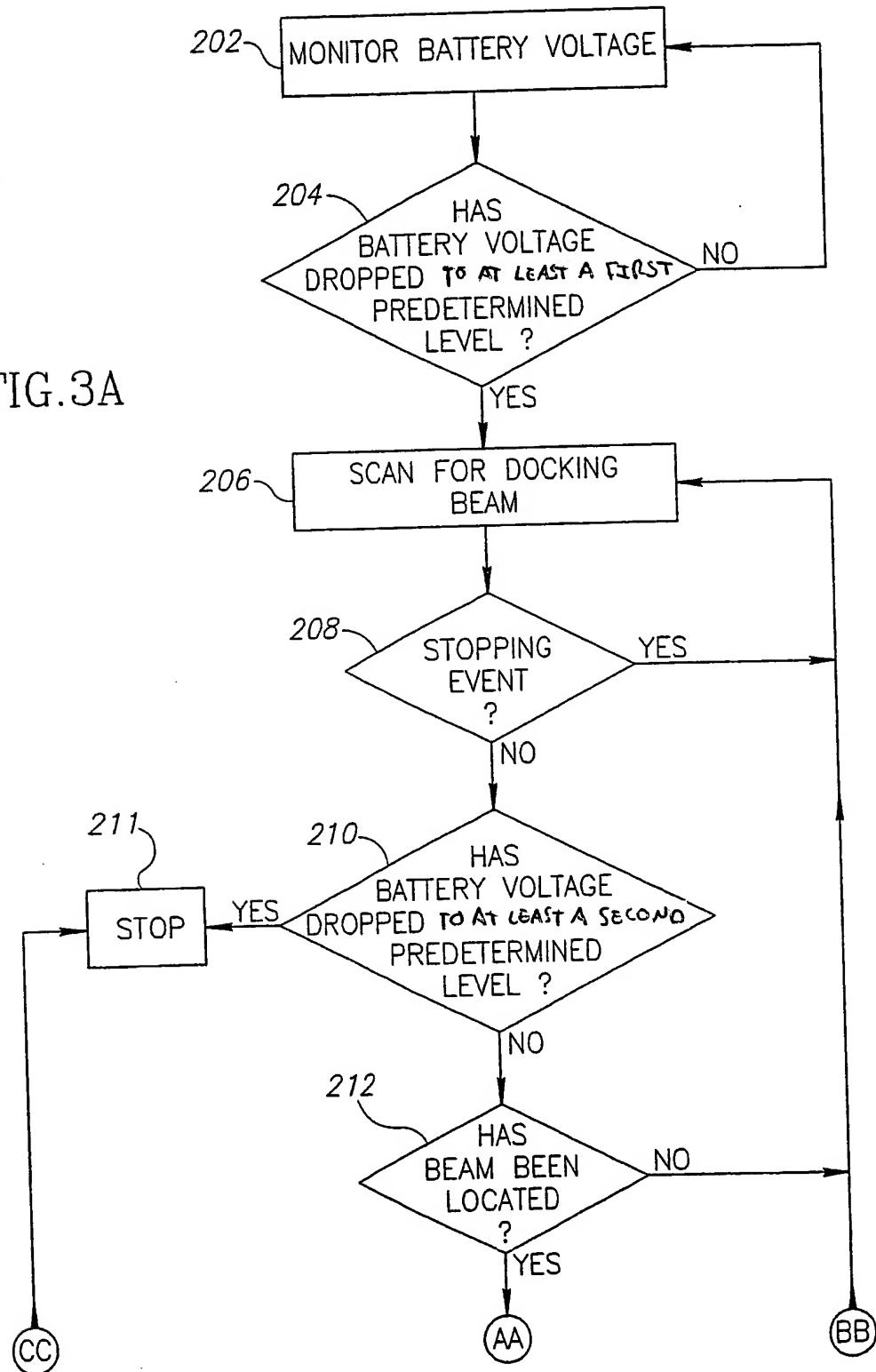


Fig. 4

FIG.3A



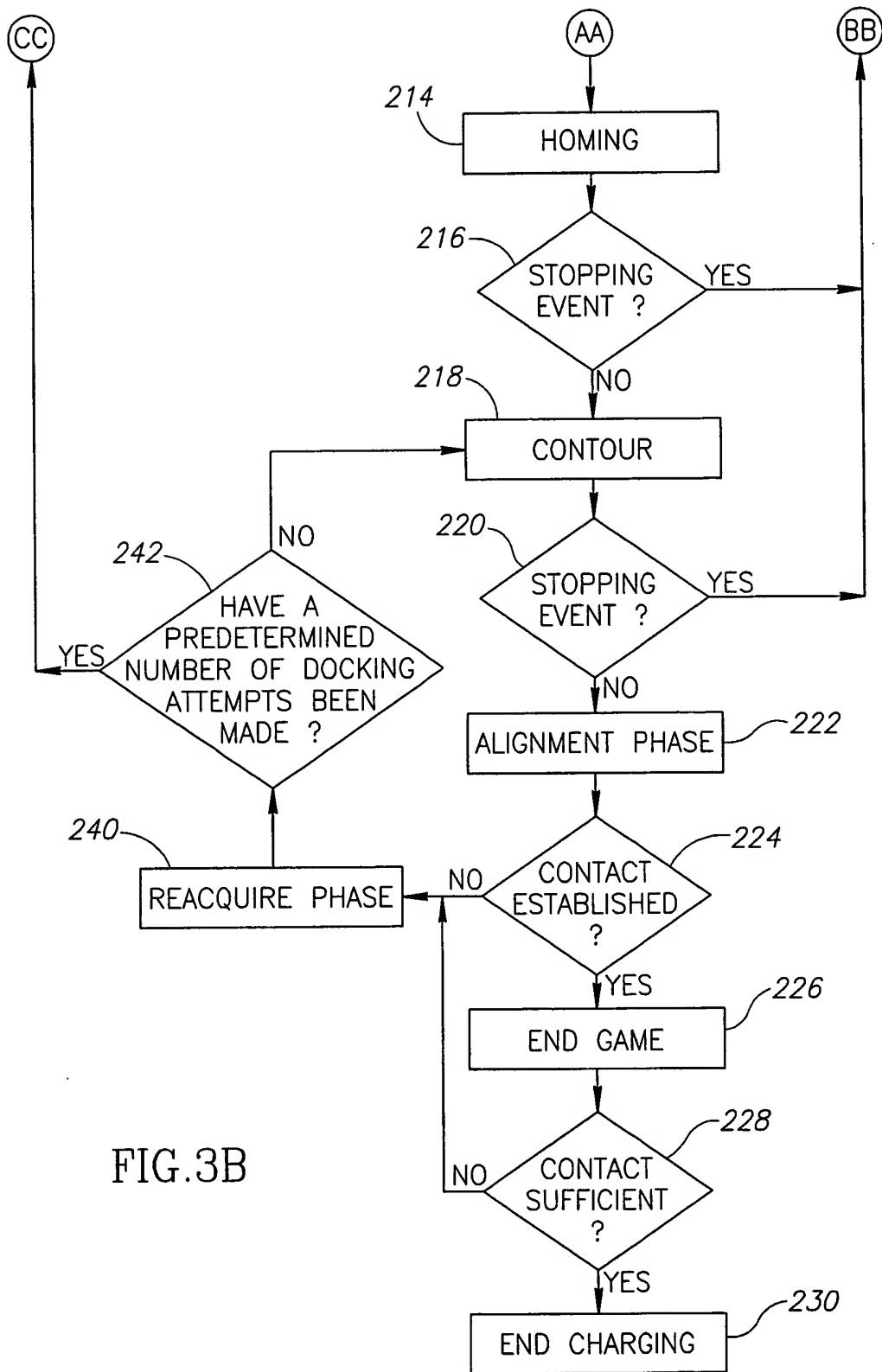


FIG.3B

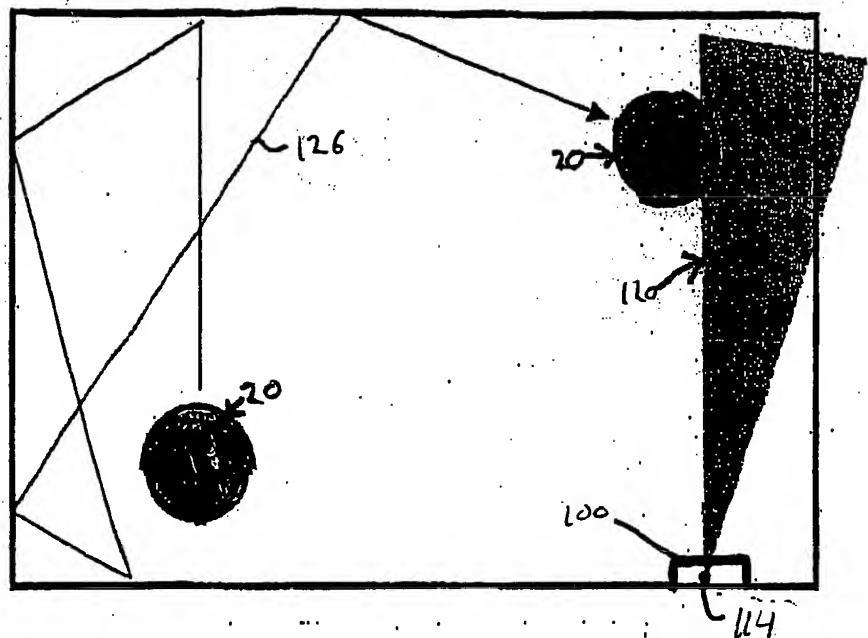


Fig. 5

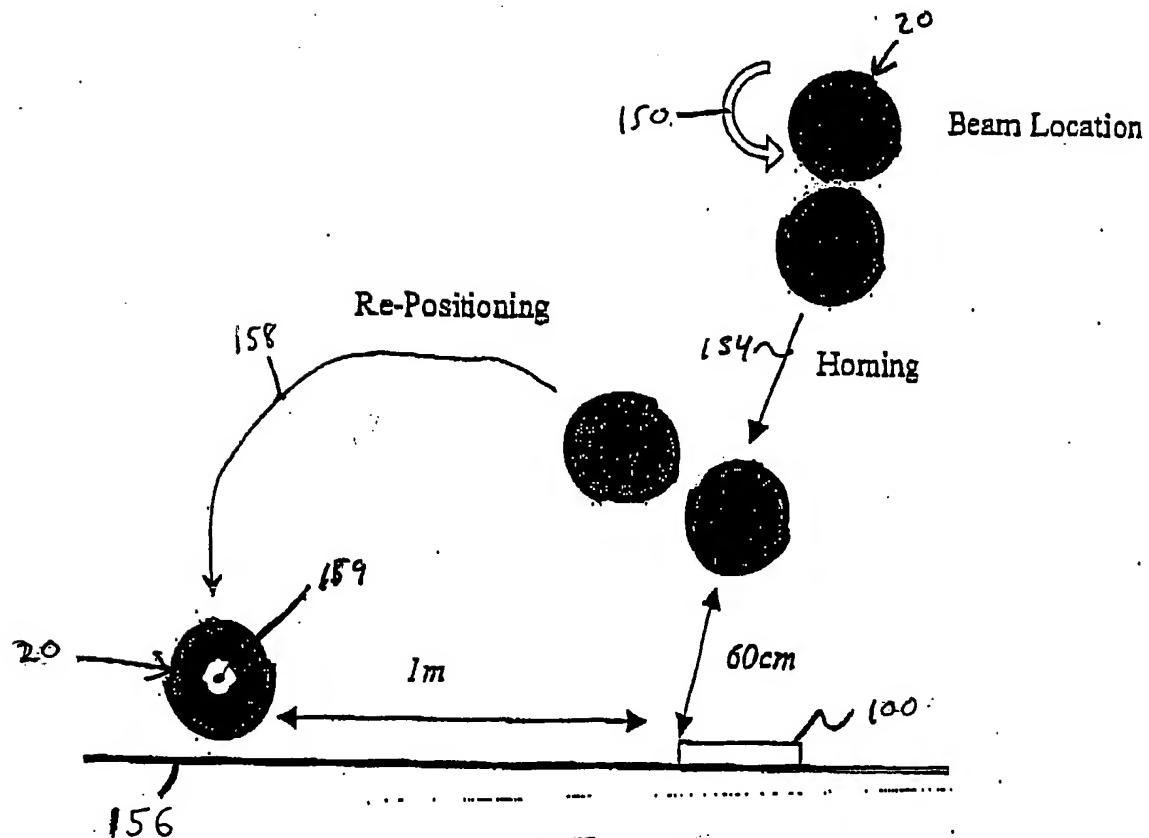
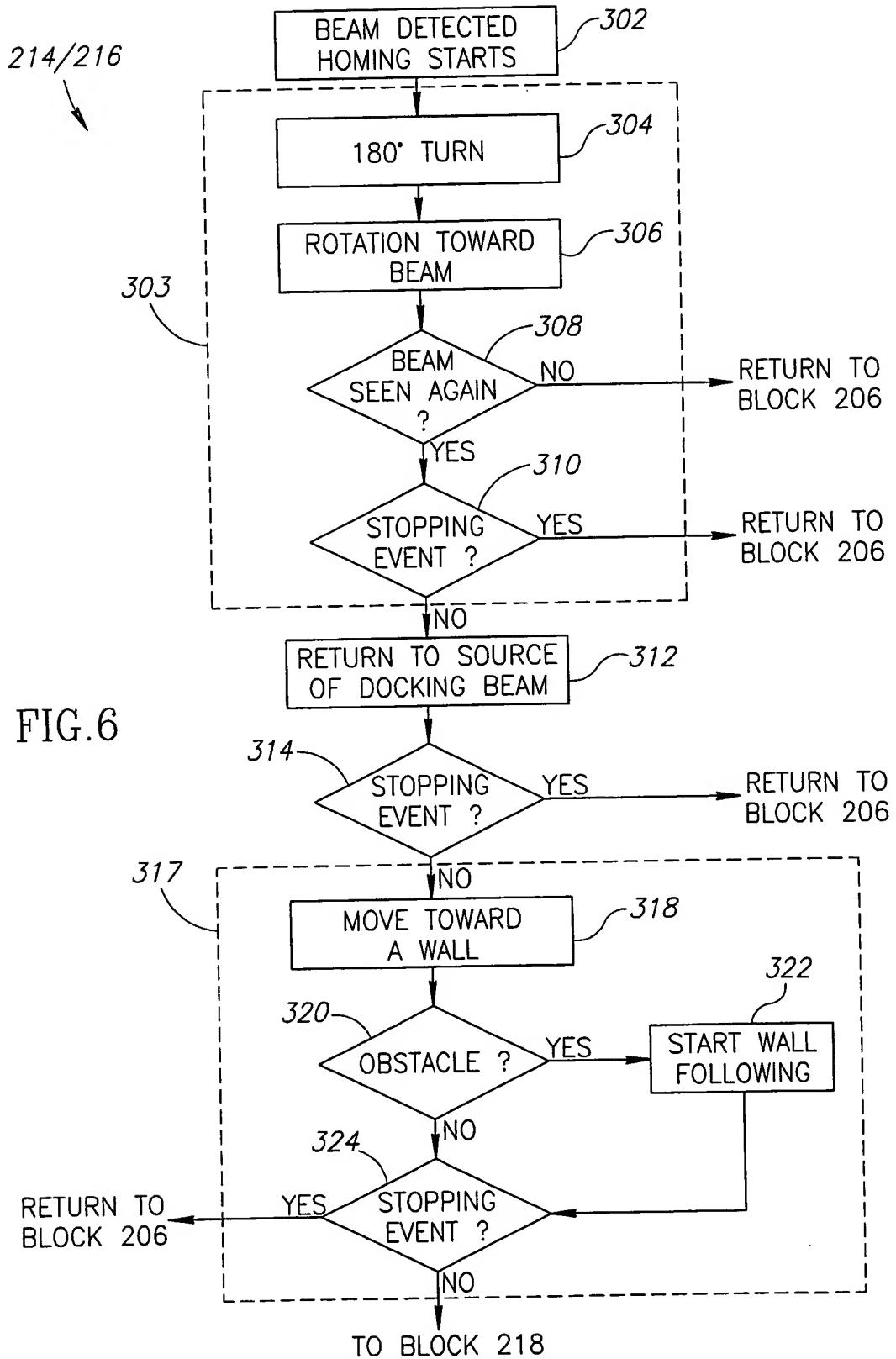


Fig. 7



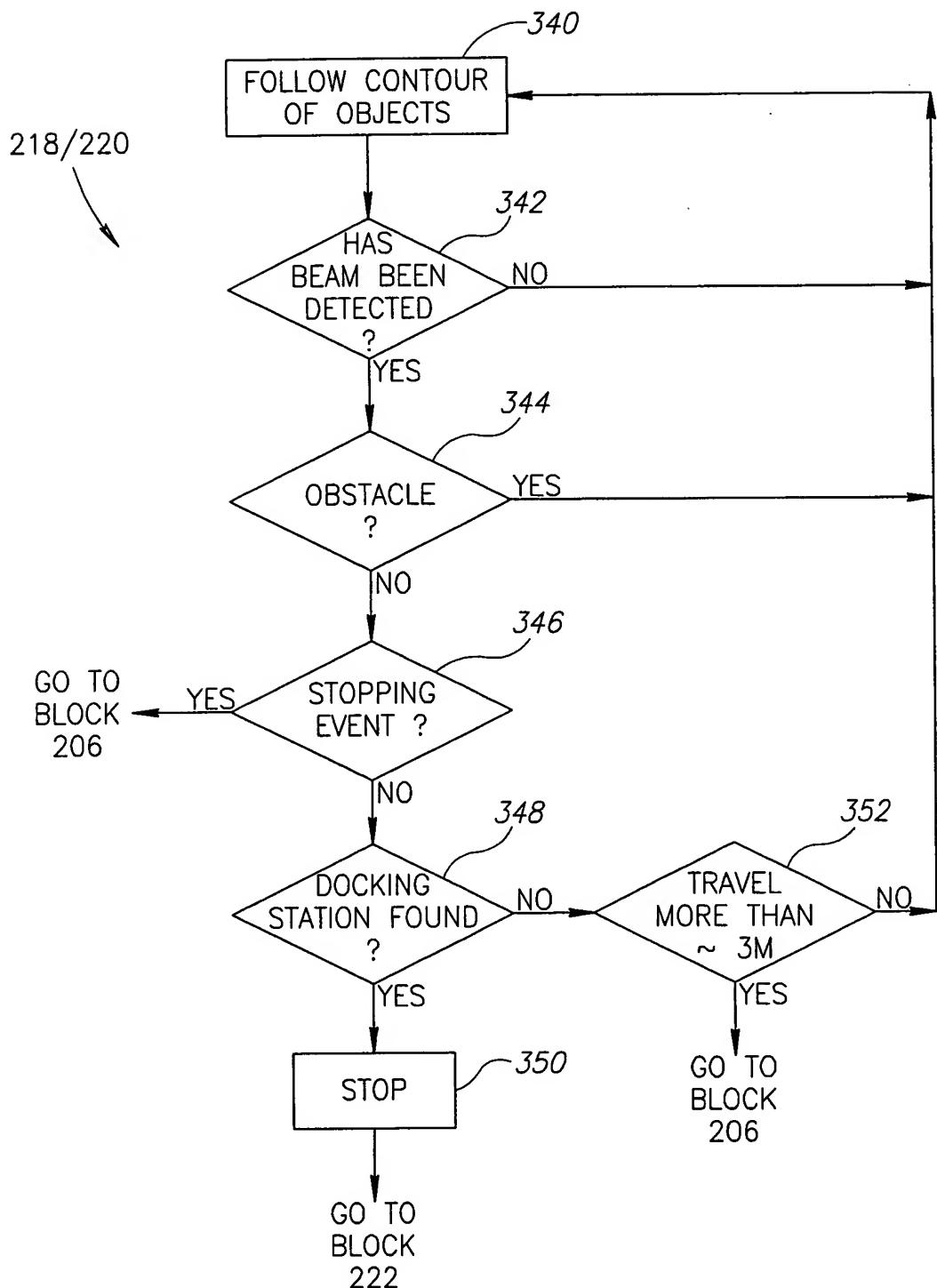


FIG.8

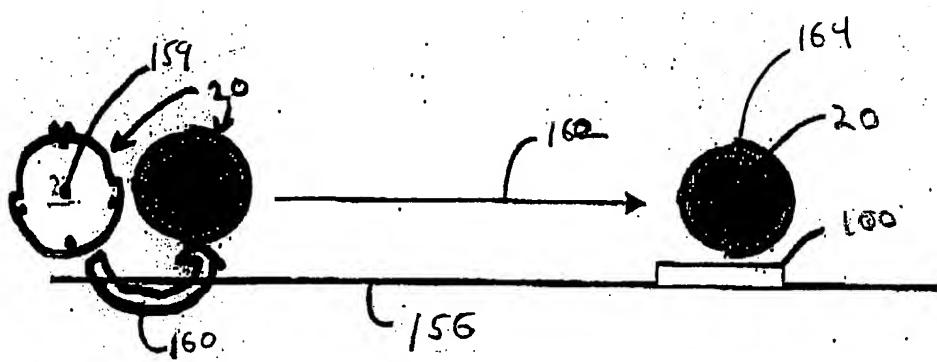


Fig. 9

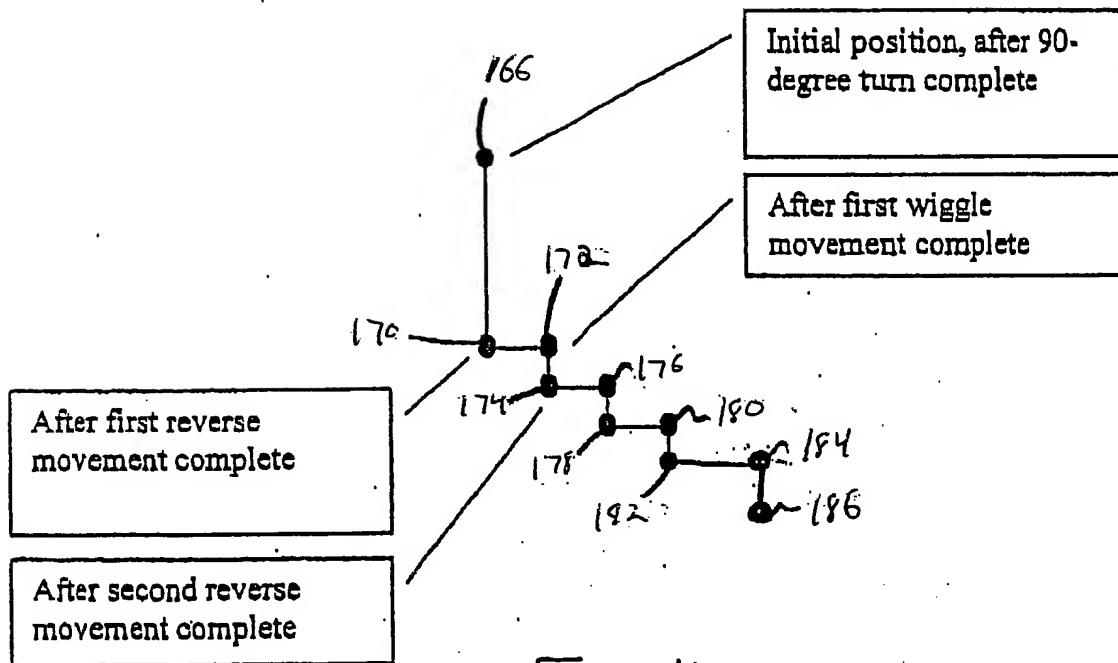


Fig. 11

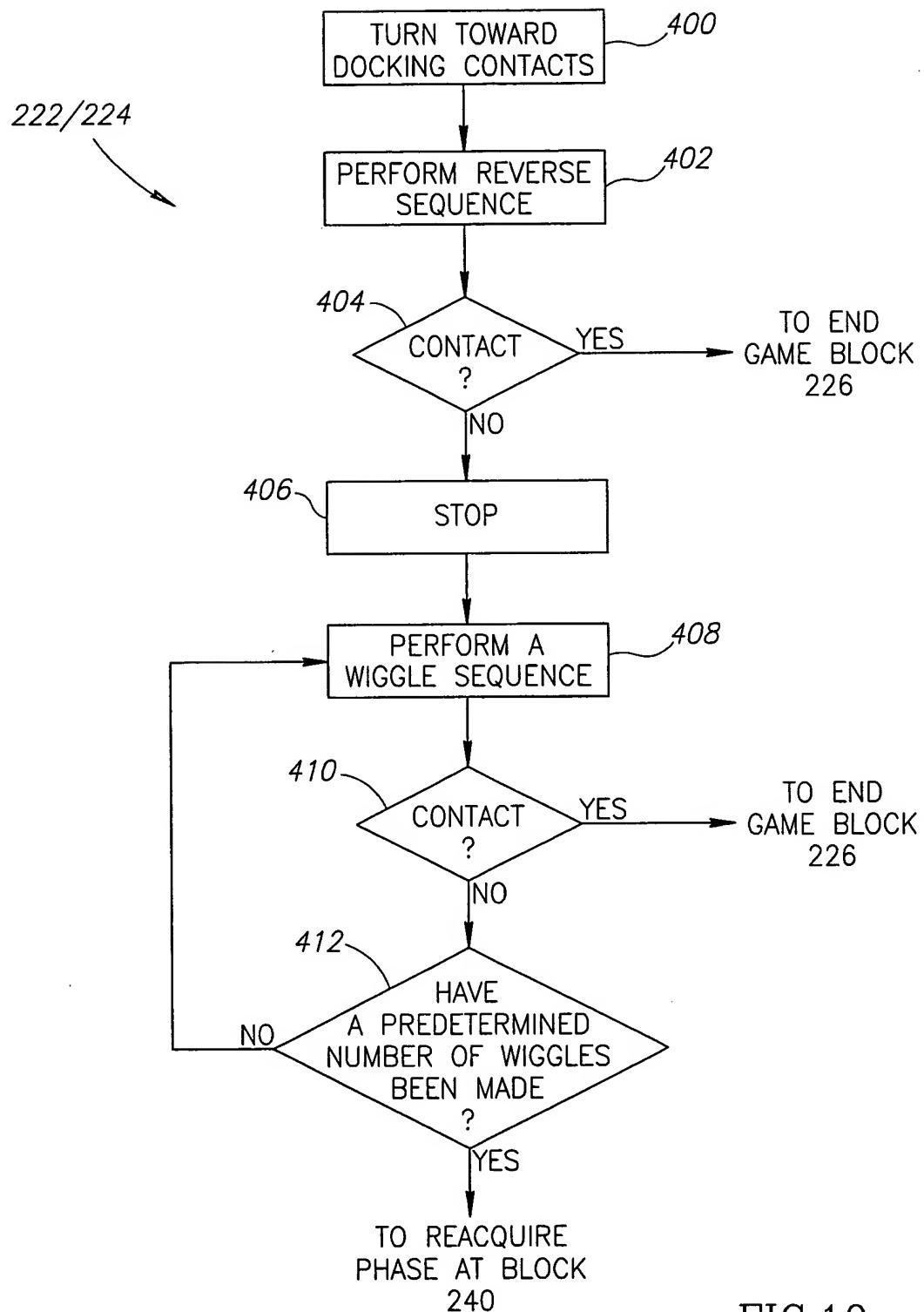


FIG.10

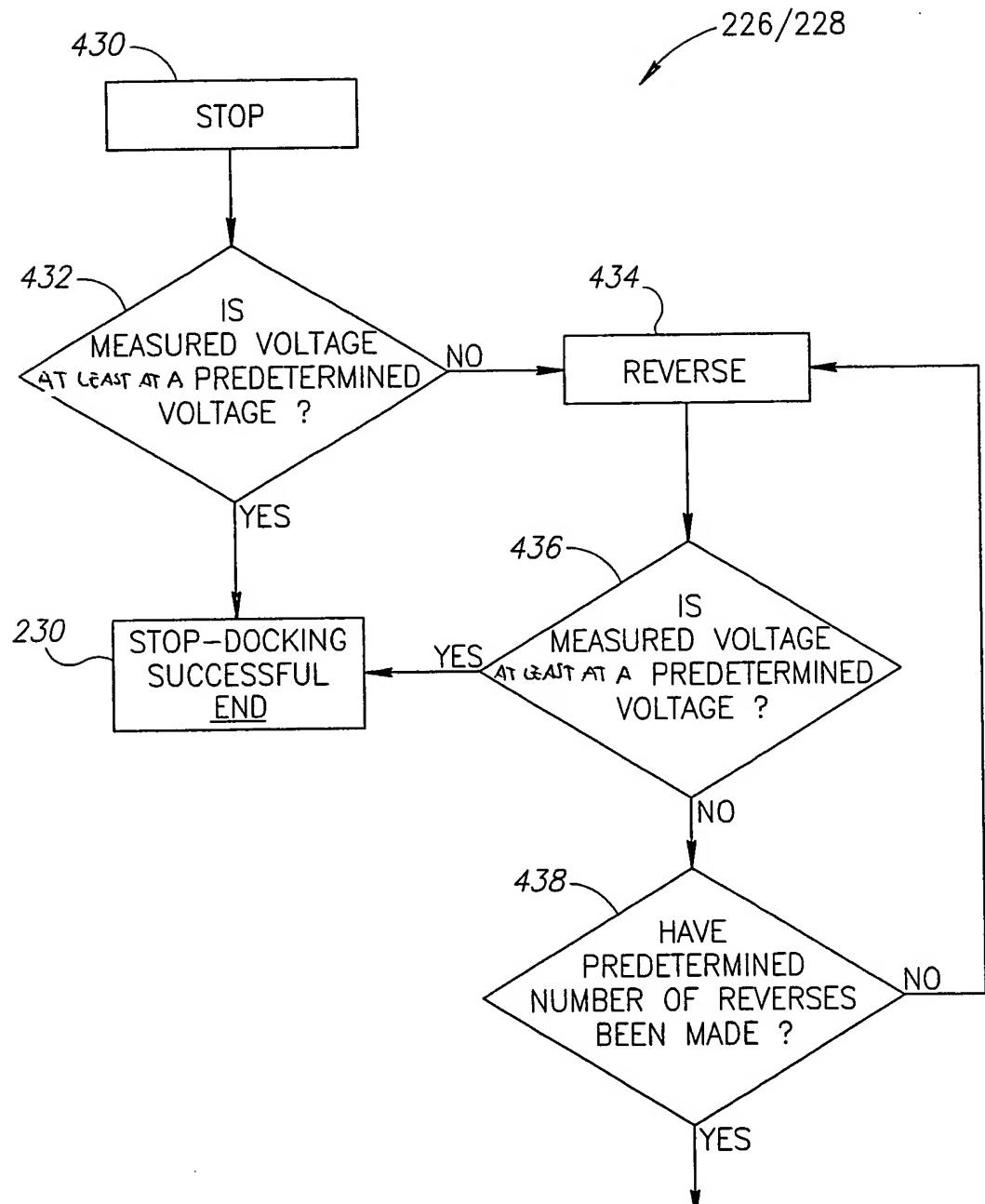


FIG.12

GO TO REACQUIRE PHASE
AT BLOCK 240

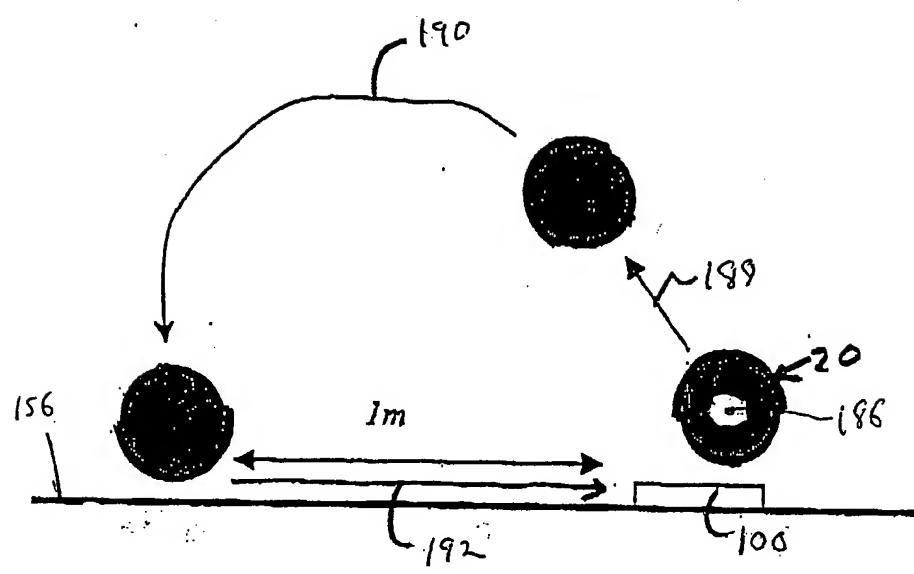


Fig. 13

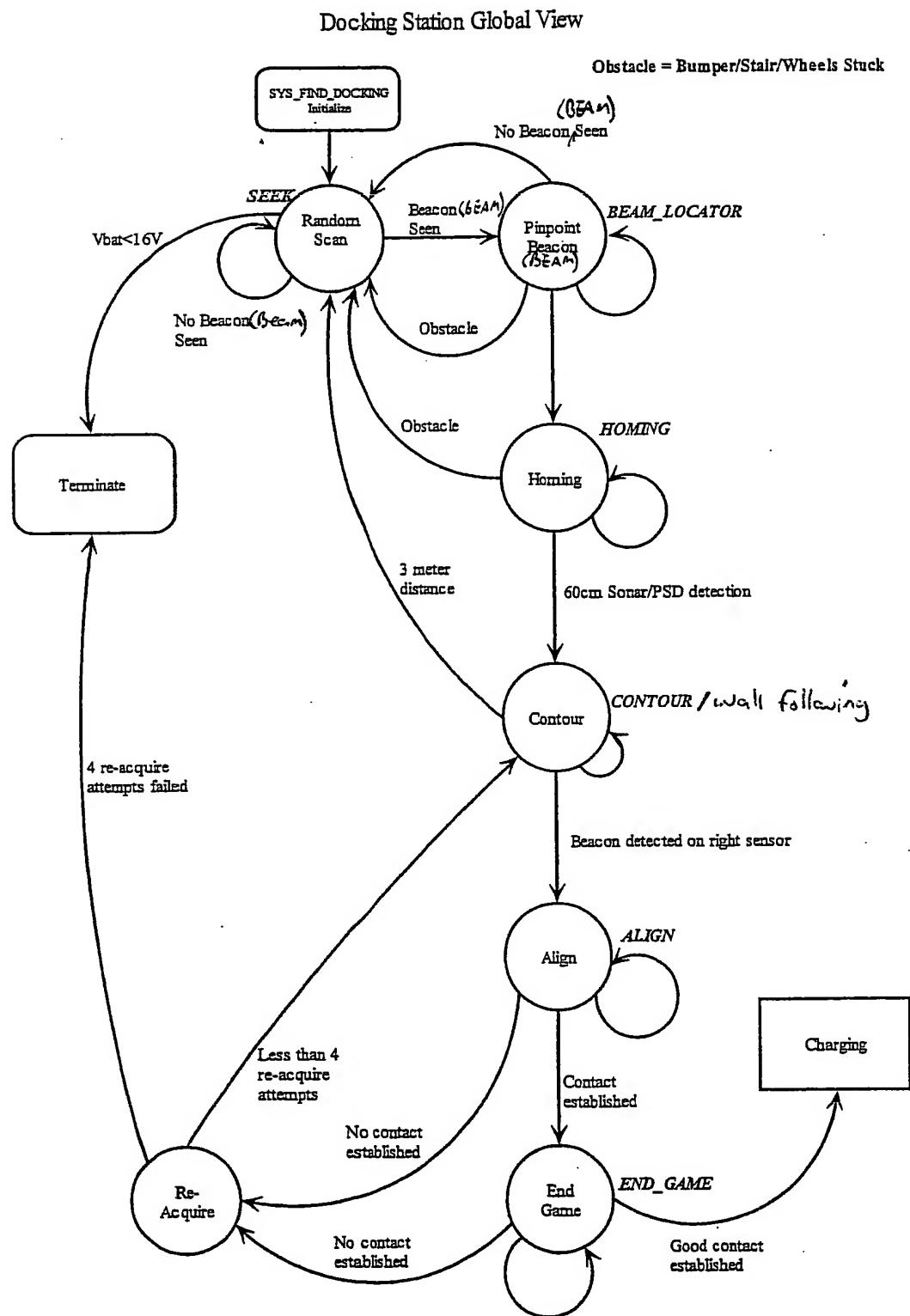


FIG. 14

(Beacon)
Pinpoint Beacon State Machine

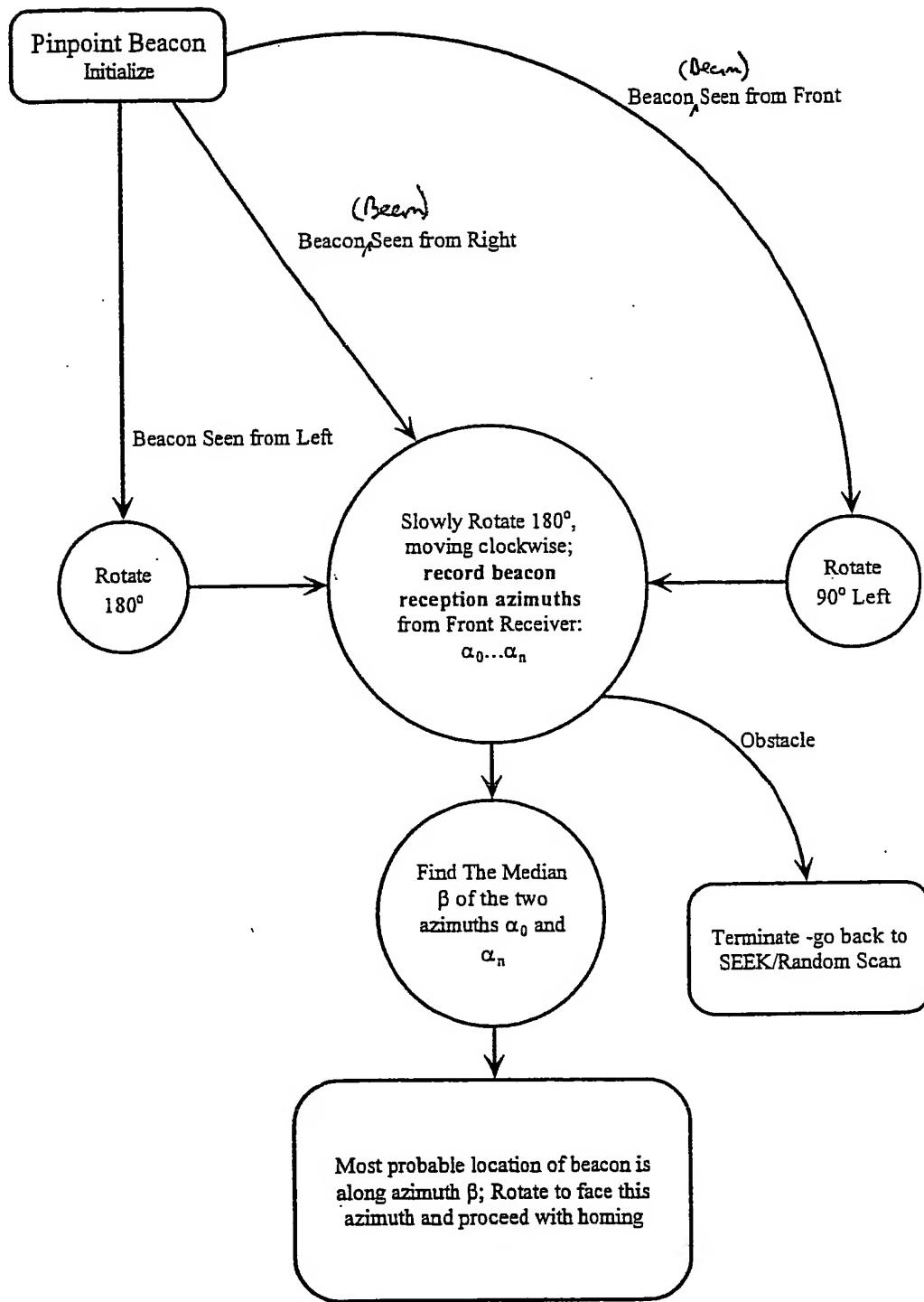


FIG. 15

Homing State Machine

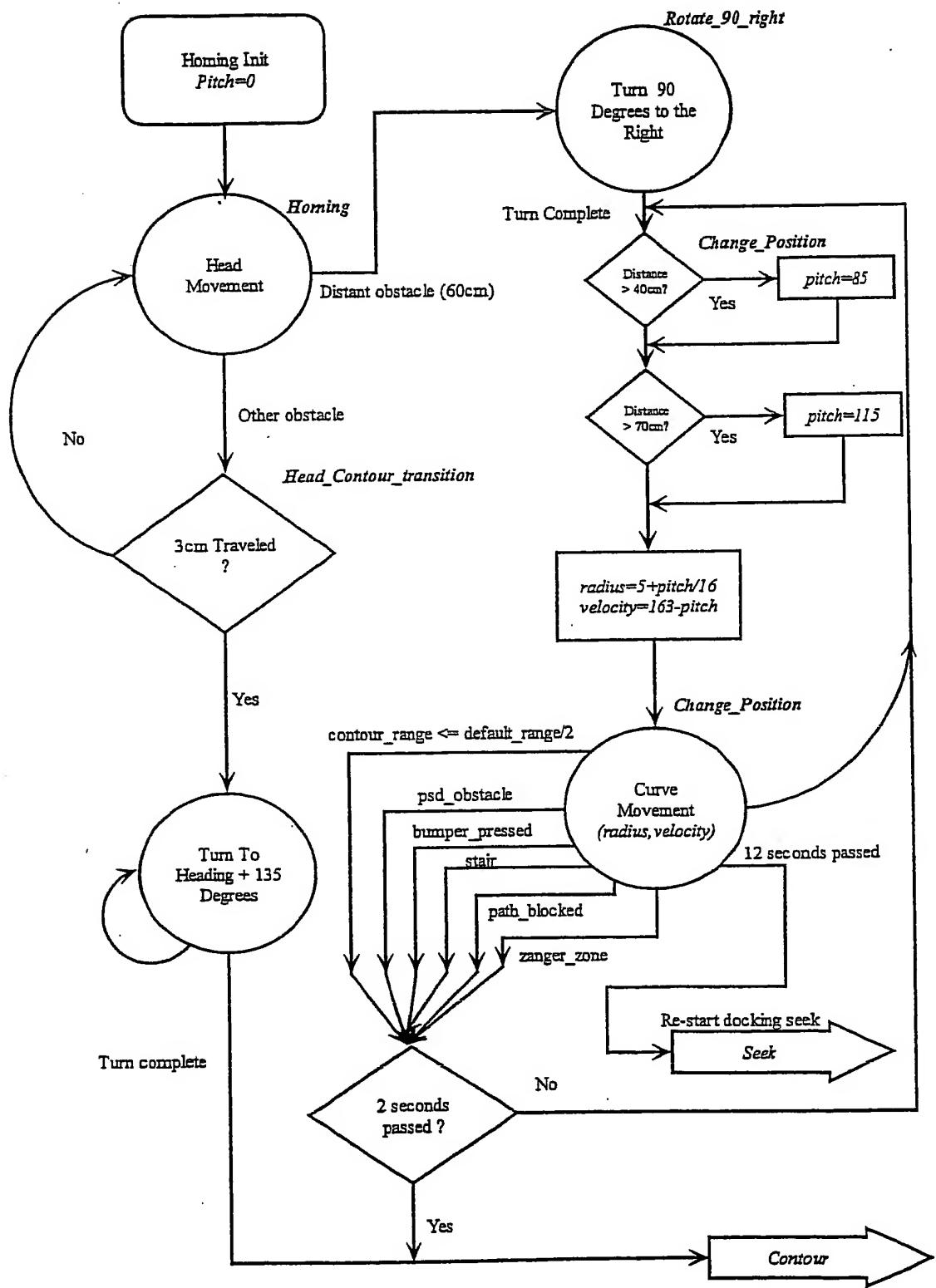


FIG. 16

Contour (Wall following) State Machine

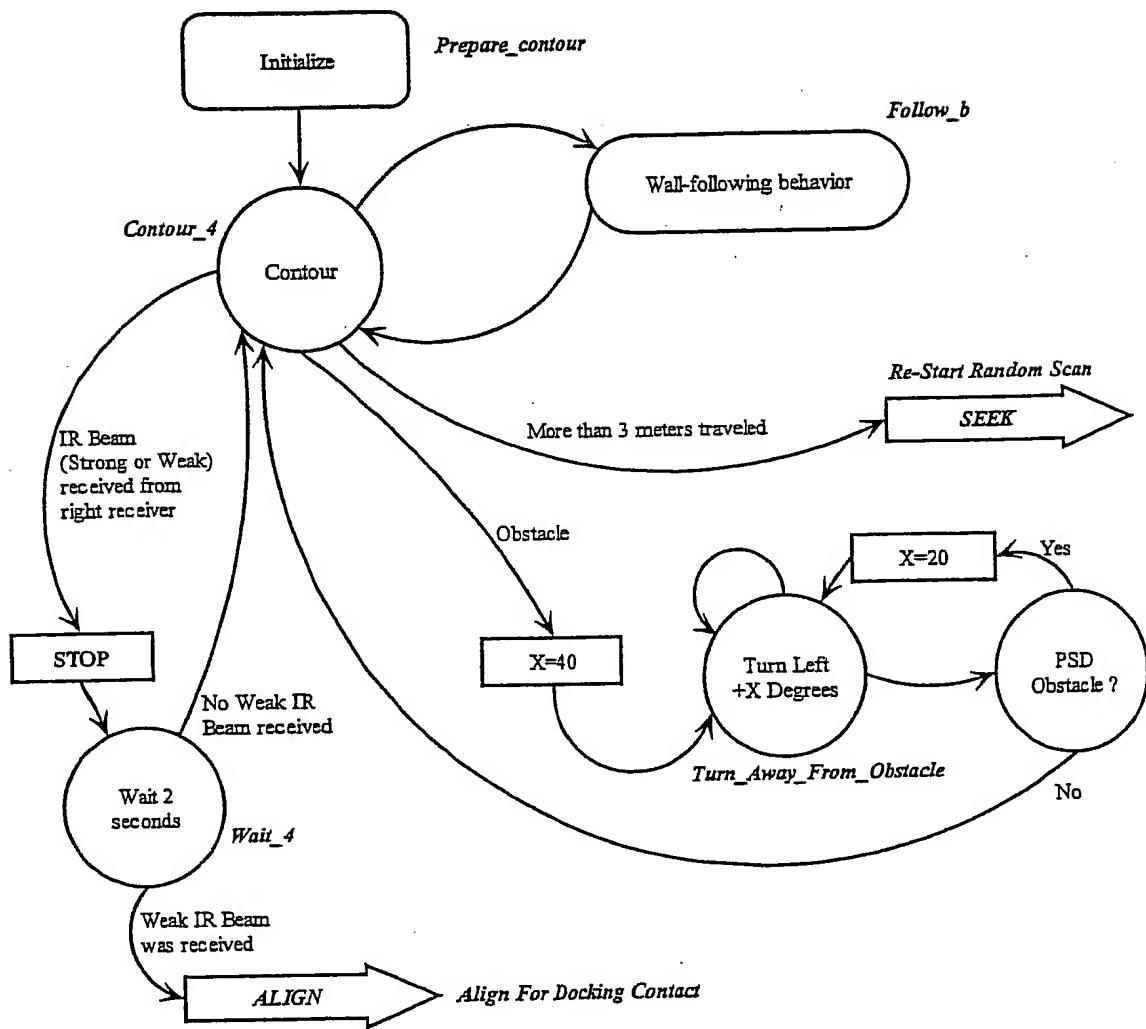


FIG. 17

Align State Machine

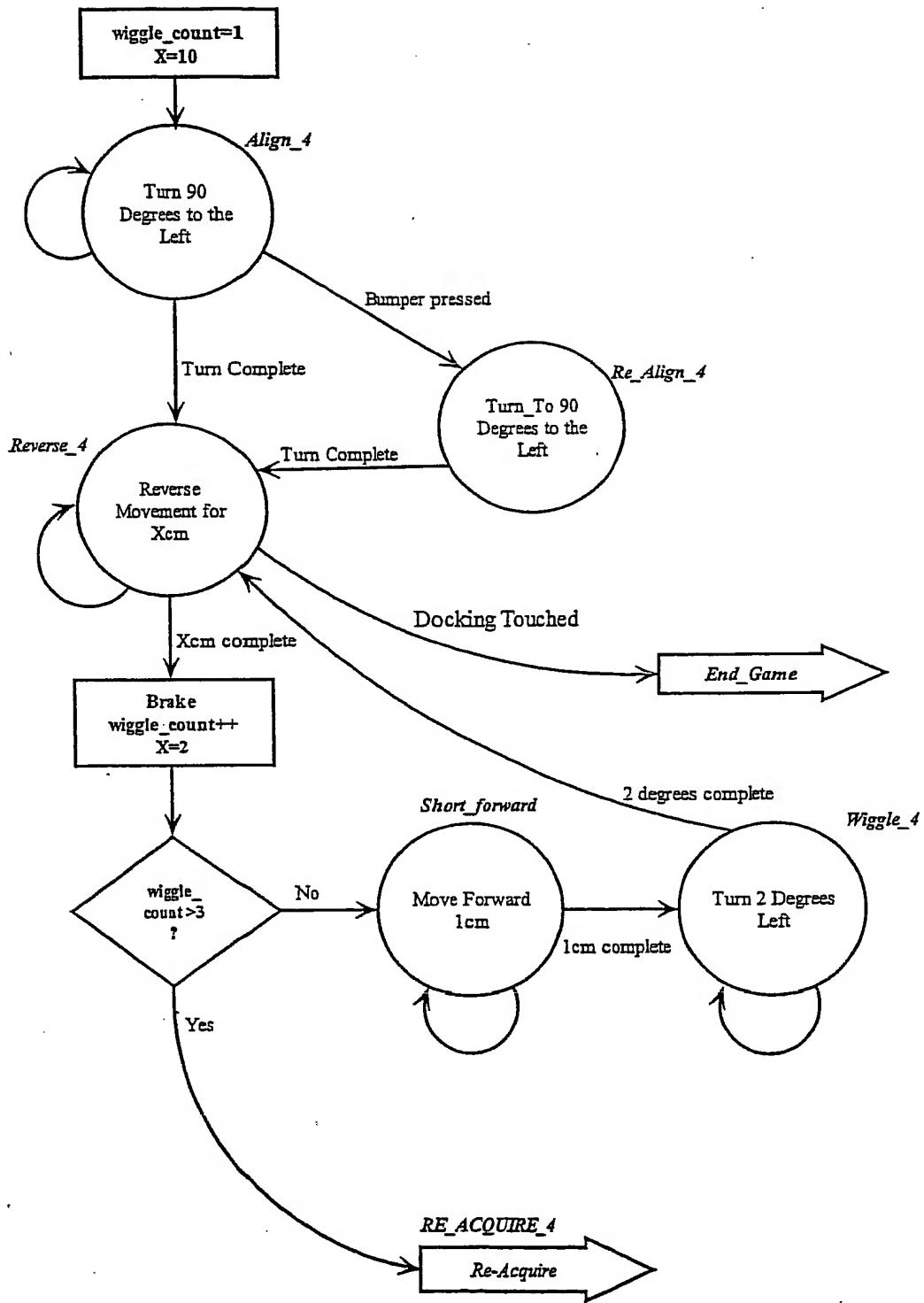


FIG. 18

Final Docking/End Game State Machine

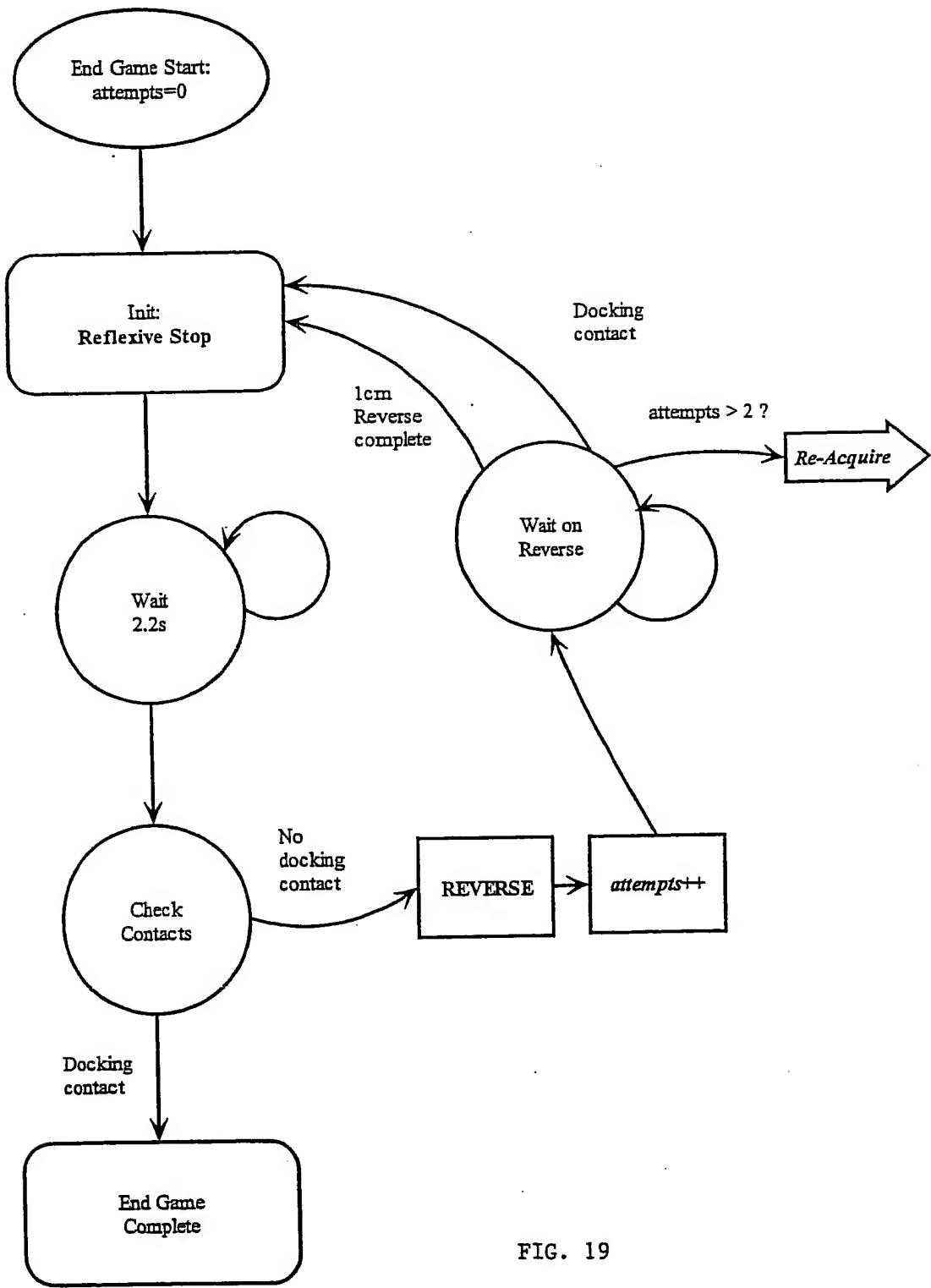


FIG. 19